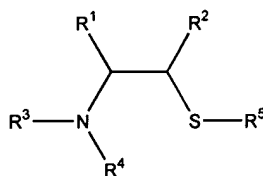


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously amended): An aminothiols compounds, having a general formula I,



wherein R¹ is aryl or alkyl of C1-C9;

R² is aryl or alkyl of C1-C9;

~~wherein R² is not phenyl as R¹ is phenyl;~~

R³ is aryl or alkyl of C1-C9 methyl;

R⁴ is aryl or alkyl of C1-C9 methyl; or

R³, R⁴ and N form a three-to-eight-membered heterocycle piperidine;

with the proviso that R³, R⁴ and N form pyrrolidinyl or morpholinyl as

R¹ and R² are both phenyl; and

R⁵ is H ~~or methyl.~~

Claim 2 (original): The aminothiols compound as claimed in claim 1, wherein R¹ is aryl or alkyl of C1-C6.

Claim 3 (original): The aminothiols compound as claimed in claim 1, wherein R² is aryl or alkyl of C1-C6.

Claims 4 (canceled).

Claims 5 (canceled).

Claims 6 (canceled).

Claims 7 (canceled).

Claims 8 (canceled).

Claim 9 (original): The aminothiols compound as claimed in claim 1, which is used for catalyzing an asymmetric addition reaction of an organic metal compound and aldehyde.

Claim 10 (original): The aminothiols compound as claimed in claim 9, wherein said organic metal is Zn or Cu.

Claim 11 (new): The aminothiols compound as claimed in claim 1, wherein R^1 is i-propyl; R^2 is selected from the group consisting of methyl, n-butyl, i-propyl and phenyl; and R^3 , R^4 and N form pyrrolidinyl.

Claim 12 (new): The aminothiols compound as claimed in claim 1, wherein R^1 is methyl or n-butyl; R^2 is i-propyl; and R^3 , R^4 and N form pyrrolidinyl.

Claim 13 (new): The aminothiols compound as claimed in claim 1, wherein R^1 is phenyl; R^2 is phenyl; and R^3 , R^4 and N form pyrrolidinyl or morpholinyl.

Claim 14 (new): The aminothiols compound as claimed in claim 1, wherein R^1 is methyl or i-butyl; R^2 is phenyl; and R^3 , R^4 and N form piperidyl.

Claim 15 (new): The aminothiols compound as claimed in claim 1, wherein R^1 is benzyl; R^2 is phenyl; and R^3 , R^4 are both methyl or n-butyl, or R^3 , R^4 and N form a heterocycle selected from the group consisting of piperidyl, pyrrolidinyl and morpholinyl.

Claim 16 (new): The aminothiols compound as claimed in claim 1, wherein R^1 is i-propyl; R^2 is phenyl; and R^3 , R^4 are both n-butyl, or R^3 , R^4 and N form a heterocycle selected from the group consisting of piperidyl, pyrrolidinyl and morpholinyl.

Claim 17 (new): The aminothiols compound as claimed in claim 1, wherein R^1 is i-propyl; R^2 is i-propyl; and R^3 , R^4 and N form piperidyl.